



INFORMATION DISCLOSURE CITATION PTO-1449				ATTY. DOCKET NO. 028723-016		APPLICATION NO. 081342,028			
				APPLICANT Joe W. GRAY et al				28/487,974	
				FILING DATE 11/16/94		GROUP 1807			
U.S. PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE			
AM	4,358,535	11/82	Falkow et al.	435	5				
AM	4,647,529	3/87	Rodland et al.	435	6				
AM	4,681,840	7/87	Stephenson et al.	435	6				
AM	4,683,195	7/87	Mullis et al.	435	6				
AM	4,707,440	11/87	Stavrianopoulos	435	6				
AM	4,711,955	12/87	Ward et al.	536	29				
AM	4,721,669	1/88	Barton	435	6				
AM	4,725,536	2/89	Fritsch et al.	435	6				
AM	4,770,992	9/88	Van den Engh et al.	435	6				
AM	4,772,691	9/88	Herman	536	27				
AM	4,888,278	12/89	Singer et al.	435	6				
FOREIGN PATENT DOCUMENTS									
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation			
						Yes	No		
AM	2019408	10/79	United Kingdom	—	—				
AM	2215724	9/89	United Kingdom	—	—				
AM	8705027	8/87	Europe	—	—				
AM	9005789	5/90	Europe	—	—				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
AM	Albertson, "Mapping Muscle Protein Genes by <i>in situ</i> Hybridization Using Biotin-Labeled Probes", <u>EMBO J.</u> , Vol. 4, No. 10, 1985, pp. 2493-2498.								
AM	Albertson, "Localization of the Ribosomal Genes in <i>Caenorhabditis elegans</i> Chromosomes by <i>in situ</i> Hybridization Using Biotin-Labeled Probes", <u>EMBO J.</u> , Vol. 3, No. 6, 1984, pp. 1227-1234.								
AM	Ardeshir et al., "Structure of Amplified DNA in Different Syrian Hamster Cell Lines Resistant to <i>N</i> -(Phosphonacetyl)-L-Aspartate," <u>Mol. and Cell. Biology</u> , Vol. 3, No. 11, Nov. 1983, pp. 2076-2088.								
AM	Arnoldus et al., "Detection of the Philadelphia Chromosome in Interphase Nuclei (With 2 Color Plates)," <u>Cytogenet. Cell Genet.</u> , Vol. 54, 1990, pp. 108-111.								
EXAMINER Aedin Massey				DATE CONSIDERED 9-3-96					

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INFORMATION DISCLOSURE CITATION PTO-1449 <div style="text-align: right;">16</div>	ATTY. DOCKET NO. 028723-016	APPLICATION NO. 08/054,353
	APPLICANT Joe W. GRAY et al	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	Bar-Am et al., "Detection of Amplified DNA Sequences in Human Tumor Cell Lines by Fluorescence <i>in situ</i> Hybridization", <u>Genes, Chromosomes & Cancer</u> , Vol. 4, 1992, pp. 314-320.	
AM	Benton et al., "Screening λ gt Recombinant Clones by Hybridization to Single Plaques <i>in situ</i> ", <u>Science</u> , Vol. 196, 1977, pp. 180-182.	
AM	Bergerheim et al., "Deletion Mapping in Human Renal Cell Carcinoma," <u>Cancer Res.</u> , Vol. 49, March 1989, pp. 1390-1396.	
AM	Bookstein et al., "Human Retinoblastoma Susceptibility Gene: Genomic Organization and Analysis of Heterozygous Intragenic Deletion Mutants," <u>PNAS (USA)</u> , Vol. 85, April 1988, pp. 2210-2214.	
AM	Brison et al., "General Method for Cloning Amplified DNA by Differential Screening with Genomic Probes", <u>Molecular and Cellular Biology</u> , Vol. 2, No. 5, May 1982, pp. 578-587.	
AM	Britten et al., "Analysis of Repeating DNA Sequences by Reassociation", <u>Methods of Enzymology</u> , Vol. 29, 1974, pp. 363-418.	
AM	Buongiorno-Nardelli et al., "Autoradiographic Detection of Molecular Hybrids Between rRna and DNA in Tissue Sections", <u>NATURE</u> , Vol. 225, March 1970, pp. 946-948.	
AM	Cannizzaro et al., "In Situ Hybridization and Translocation Breakpoint Mapping II. Two Unusual t(21:22) Translocations", <u>Cytogenet. Cell Genet.</u> , Vol. 39, 1985, pp. 173-178.	
AM	Cantor et al., "The Behavior of Biological Macromolecules, Part III" <u>Biophysical Chemistry</u> , Freeman & Co., 1980, pp. 1183 and 1226-1228.	
AM	Cohen et al., "Hereditary Renal-Cell Carcinoma Associated with a Chromosomal Translocation," <u>N. Engl. J. Med.</u> , Vol. 301, No. 11, Sept. 1979, pp. 592-595.	
AM	Collins and Weissman, "Directional cloning of DNA fragments at a large distance from an initial probe: A circularization method", <u>PNAS (USA)</u> , <u>81</u> : 6812-6816 (November 1984).	
AM	Cox et al., "Detection of mRNAs in Sea Urchin Embryos by <i>in situ</i> Hybridization Using Asymmetric RNA Probes", <u>Developmental Biology</u> , Vol. 101, 1984, pp. 485-502.	
AM	Cremer et al., "Detection of Chromosome Aberrations in Metaphase and Interphase Tumor Cells by <i>in situ</i> Hybridization Using Chromosome-Specific Library Probes", <u>Human Genetics</u> , Vol. 80, 1988, pp. 235-246.	
AM	Cremer et al., "Detection of Chromosome Aberrations in the Human Interphase Nucleus by Visualization of Specific Target DNAs with Radioactive and Non-Radioactive <i>in situ</i> Hybridization Techniques: Diagnosis of Trisomy 18 with Probe L1.84", <u>Hum. Genet.</u> , Vol. 74, 1986, pp. 346-352.	
AM	Cremer et al., "Rapid Interphase and Metaphase Assessment of Specific Chromosomal Changes in Neuroectodermal Tumor Cells by <i>in situ</i> Hybridization with Chemically Modified DNA Probes", <u>Exp. Cell Res.</u> , Vol. 176, 1988, pp. 199-220.	
AM	Cremer et al., "Rapid Metaphase and Interphase Detection of Radiation-Induced Chromosome Aberrations in Human Lymphocytes by Chromosomal Suppression <i>in situ</i> Hybridization", <u>Cytometry</u> , Vol. 11, 1990, pp. 110-118.	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	Devilee et al., "Detection of Chromosome Aneuploidy in Interphase Nuclei from Human Primary Breast Tumors Using Chromosome-Specific Repetitive DNA Probes", <u>Cancer Res.</u> , Vol. 48, Oct. 1988, pp. 5825-5830.	
AM	Durnam et al., "Detection of Species Specific Chromosomes in Somatic Cell Hybrids", <u>Som. Cell Molec. Genetics</u> , Vol. 11, No. 6, 1985, pp. 571-577.	
AM	Erikson et al., "Heterogeneity of Chromosome 22 Breakpoint in Philadelphia-Positive (Ph ⁺) Acute Lymphocytic Leukemia", <u>PNAS, USA</u> , Vol. 83, March 1986, pp. 1807-1811.	
AM	Fisher et al., "Adhesive and Degradative Properties of Human Placental Cytotrophoblast Cells In Vitro," <u>J. Cell Biol.</u> , Vol. 109, No. 2, 1989, pp. 891-902.	
AM	Fisher et al., "Molecular Hybridization Under Conditions of High Stringency Permits Cloned DNA Segments Containing Reiterated DNA Sequences to be Assigned to Specific Chromosomal Locations," <u>PNAS, USA</u> , Vol. 81, pp. 520-524 (Jan. 1984).	
AM	Friend et al., "A Human DNA Segment with Properties of the Gene that Predisposes to Retinoblastoma and Osteosarcoma," <u>Nature</u> , Vol. 323, Oct. 16, 1986, pp. 643-646.	
AM	Fuscoe et al., "An Efficient Method for Selecting Unique-Sequence Clones from DNA Libraries and Its Application to Fluorescent Staining of Human Chromosome 21 Using <i>in situ</i> Hybridization", <u>Genomics</u> , Vol. 5, 1989, pp. 100-109.	
AM	Gall et al., "Formation and Detection of RNA-DNA Hybrid Molecules in Cytological Preparations", <u>PNAS (USA)</u> , Vol. 63, 1969, pp. 378-383.	
AM	Gray et al., "Flow Cytometric Detection of Chromosome Aberrations" (Abstract) Conference on Flow Cytometry in Cell Biology and Genetics, Clift Hotel, San Francisco, California, 1/15/85 - 1/17/85.	
AM	Gray et al., "Fluorescence Hybridization to Human Chromosome 21 Using Probes from a Charon 21 a Library", <u>Cytometry</u> , (Suppl. 1), 1987, Abst. 19, p. 4.	
AM	Grunstein et al., "Colony Hybridization: A Method for the Isolation of Cloned DNAs that Contain a Specific Gene", <u>PNAS, USA</u> , Vol. 72, No. 10, Oct. 1975, pp. 3961-3965.	
AM	Harper et al., "Localization of Single Copy DNA Sequences on G-Banded Human Chromosomes by <i>in situ</i> Hybridization", <u>Chromosoma (Berl.)</u> , Vol. 83, 1981, pp. 431-439.	
AM	Harper et al., "Localization of the Human Insulin Gene to the Distal End of the Short Arm of Chromosome 11", <u>PNAS (USA)</u> , Vol. 78, No. 7, July 1981, pp. 4458-4460.	
AM	Herzenberg et al., "Fetal Cells in the Blood of Pregnant Women: Detection and Enrichment by Fluorescence-Activated Cell Sorting", <u>PNAS (USA)</u> , Vol. 76, No. 3, March 1979, pp. 1453-1455.	
AM	Hood et al., <u>Molecular Biology of Eucaryotic Cells</u> , W. A. Benjamin, Inc., Menlo Park, CA, 1975, pp. 47-51.	
AM	Jabs et al., "Characterization of a Cloned DNA Sequence that is Present at Centromeres of All Human Autosomes and the X Chromosome and Shows Polymorphic Variation", <u>PNAS (USA)</u> , Vol. 81, Aug. 1984, pp. 4884-4888.	
AM	John et al., "RNA-DNA Hybrids at the Cytological Level", <u>NATURE</u> , Vol. 223, Aug. 1969, pp. 582-587.	
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INFORMATION DISCLOSURE CITATION PTO-1449 18	ATTY. DOCKET NO. 028723-016	APPLICATION NO. 08/242,028
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	Kao et al., "Assignment of the Structural Gene Coding for Albumin to Human Chromosome 4", <u>Human Genetics</u> , Vol. 62, 1982, pp. 337-341.	
AM	Kievits et al., "Direct Nonradioactive <i>in situ</i> Hybridization of Somatic Cell Hybrid DNA to Human Lymphocyte Chromosomes", <u>Cytometry</u> , Vol. 11, 1990, pp. 105-109.	
AM	Landegent et al., "Use of Whole Cosmid Cloned Genomic Sequences for Chromosomal Localization of Non-Radioactive <i>in situ</i> Hybridization", <u>Hum. Genet.</u> , Vol. 77, 1987, pp. 366-370.	
AM	Landegent et al., "Chromosomal Localization of a Unique Gene by Non-Autoradiographic <i>in situ</i> Hybridization", <u>Nature</u> , Vol. 317, Sept. 1985, pp. 175-177.	
AM	Landegent et al., "2-Acetylaminofluorene-Modified Probes for the Indirect Hybridocytochemical Detection of Specific Nucleic Acid Sequences", <u>Exp. Cell Res.</u> , Vol. 153, 1984, pp. 61-72.	
AM	Landegren et al., "DNA Diagnostics -- Molecular Techniques and Automation," <u>Science</u> , Vol. 242, Oct. 1988, pp. 229-237.	
AM	Langer-Safer et al., "Immunological Method for Mapping Genes on <i>Drosophila</i> Polytene Chromosomes", <u>PNAS (USA)</u> , Vol. 79, 1982, pp. 4381-4385.	
AM	Lawrence et al., "Sensitive, High-Resolution Chromatin and Chromosome Mapping <i>in situ</i> : Presence and Orientation of Two Closely Integrated Copies of EBV in a Lymphoma Line", <u>Cell</u> , Vol. 52, Jan. 1988, pp. 51-61.	
AM	LeGrys et al., "Clinical Applications of DNA Probes in the Diagnosis of Genetic Diseases", <u>CRC Crit. Rev. Clin. Lab. Sci.</u> , Vol. 25, No. 4, 1987, pp. 255-274.	
AM	Lewin, "Genetic Probes Become Ever Sharper - Rapid Detection of Multiple-Pathogen Infections, Including Major Drug-Resistance Genes, May Be Possible Using a Newly Developed Technique", <u>Science</u> , Vol. 221, No. 4616, Sept. 1983, p. 1167.	
AM	Litcher et al., "Delineation of Individual Human Chromosomes in Metaphase and Interphase Cells by <i>in situ</i> Suppression Hybridization Using Recombinant DNA Libraries", <u>Human Genet.</u> , Vol. 80, 1988, pp. 224-234.	
AM	Lichter et al., "Rapid Detection of Human Chromosome 21 Aberrations by <i>in situ</i> Hybridization", <u>PNAS USA</u> , Vol. 85, Dec. 1988, pp. 9664-9668.	
AM	Litcher et al., "High-Resolution Mapping of Human Chromosome 11 by <i>in situ</i> Hybridization with Cosmid Clones", <u>Science</u> , Vol. 247, Jan. 1990, pp. 64-69.	
AM	Litcher et al., "Is Non-Isotopic <i>in situ</i> Hybridization Finally Coming of Age?", <u>Nature</u> , Vol. 345, May 1990, pp. 93-94.	
AM	Litt et al., "A Highly Polymorphic Locus in Human DNA Revealed by Cosmid-Derived Probes," <u>PNAS, USA</u> , Vol. 82, Sept. 1985, pp. 6206-6210.	
AM	LLNL, "Fluorescent Labeling of Human Chromosomes with Recombinant DNA Probes," <u>Energy & Tech. Review</u> , July 1985, pp. 84-85.	
AM	LLNL, "Chromosome-Specific Human Gene Libraries", <u>Energy & Tech. Review</u> , July 1985, pp. 82-83.	
AM	Lucas et al., "Rapid Translocation Analysis Using Fluorescence <i>in situ</i> Hybridization: Applied to Long Term Biological Dosimetry" (UCRL 102263 Abstract), Radiation Research Meeting, New Orleans, LA, 4/7/90 - 4/12/90.	
EXAMINER Andin Mascher	DATE CONSIDERED 9-3-96	

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INFORMATION DISCLOSURE CITATION PTO-1449 19		ATTY. DOCKET NO. 028723-016	APPLICATION NO. 08/42,928
		APPLICANT Joe W. GRAY et al	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AM	Manuelidis, "Individual Interphase Chromosome Domains Revealed by <i>in situ</i> Hybridization", <u>Hum. Genet.</u> , Vol. 71, 1985, pp. 288-293.		
AM	Manuelidis et al., "Chromosomal and Nuclear Distribution of the HindIII 1.9-kb Human DNA Repeat Segment", <u>Chromosoma (Berl.)</u> , Vol. 91, 1984, pp. 28-38.		
AM	Manuelidis, "Different Central Nervous System Cell Types Display Distinct and Nonrandom Arrangements of Satellite DNA Sequences", <u>PNAS (USA)</u> , Vol. 81, May 1984, pp. 3123-3127.		
AM	McCormick, "The Polymerase Chain Reaction and Cancer Diagnosis", <u>Cancer Cells</u> , Vol. 1, No. 2, Oct. 1989, pp. 56-61.		
AM	Montgomery et al. "Specific DNA Sequence Amplification in Human Neuroblastoma Cells", <u>PNAS USA</u> , Vol. 80, Sept. 1983, pp. 5724-5728.		
AM	Nederlof et al., "Detection of Chromosome Aberrations in Interphase Tumor Nuclei by Nonradioactive <i>in situ</i> Hybridization", <u>Cancer Genet. Cytogenet.</u> , Vol. 42, 1989, pp. 87-98.		
AM	Olsen et al., "Isolation of Unique Sequence Human X Chromosomal Deoxyribonucleic Acid", <u>Biochemistry</u> , Vol. 19, 1980, pp. 2419-2428.		
AM	Pinkel et al., "Detection of Structural Chromosome Aberrations in Metaphase Spreads and Interphase Nuclei by <i>in situ</i> Hybridization High Complexity Probes which Stain Entire Human Chromosomes", <u>Am. J. Hum. Genet. (Supplement)</u> Vol. 43, No. 3, Sept. 1988, p. A118 (Abstract 0471: 11.5).		
AM	Pinkel et al., "Cytogenetic Analysis Using Quantitative, High-Sensitivity, Fluorescence Hybridization", <u>PNAS (USA)</u> , Vol. 83, May 1986, pp. 2934-2938.		
AM	Pinkel et al., "Cytogenetic Analysis by <i>in situ</i> Hybridization with Fluorescently Labeled Nucleic Acid Probes", <u>Cold Spring Harbor Symposia on Quantitative Biology</u> , Vol. LI, 1986, pp. 151-157.		
AM	Pinkel et al., "Genetic Analysis by Quantitative Microscopy and Flow Cytometry Using Fluorescence <i>in situ</i> Hybridization with Chromosome-Specific Nucleic Acid Probes", <u>Am. J. Hum. Genet. (Supplement)</u> , Vol. 39, No. 3, Sept. 1986, p. A129 (379).		
AM	Pinkel et al., "Cytogenetic Analysis During Leukemia Therapy Using Fluorescence <i>in situ</i> Hybridization with Chromosome-Specific Nucleic Acid Probes", <u>Am. J. Hum. Genet. (Supplement)</u> , Vol. 41, No. 3, Sept. 1987, p. A34 (096; 12.12).		
AM	Pinkel et al., "Simplified Cytogenetics Using Biotin Labeled Nucleic Acid Probes and Quantitative Fluorescence Microscopy", <u>Am. J. Hum. Genet. (Supplement)</u> , Vol. 37, No. 4, July 1985, pp. A112 (328; 17.2).		
AM	Pinkel et al., "Fluorescence <i>in situ</i> Hybridization with Human Chromosome-Specific Libraries: Detection of Trisomy 21 and Translocations of Chromosomes 4", <u>PNAS (USA)</u> , Vol. 85, Dec. 1988, pp. 9138-9142.		
AM	Pinkel et al., "Cytogenetics Using Fluorescent Nucleic Acid Probes and Quantitative Microscopic Measurement" (UCRL 93269 Abstract) Analytical Cytology X Conference, Hilton Head Resort, Hilton Head Island, S.C., 11/17/85 - 11/22/85.		
AM	Pinkel et al., "Rapid Quantitative Cytogenic Analysis Using Fluorescently Labeled Nucleic Acid Probes", (UCRL 93553 Abstract), U.S. - Japan Joint Environmental Panel Conf., Research Triangle Park, N.C., 10/21/85 - 10/23/85.		
EXAMINER <i>Andin Mual</i>		DATE CONSIDERED 9-3-96	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AM	Pinkel et al., "Detection of Structural and Numerical Abnormalities in Metaphase Spreads and Interphase Nuclei Using <i>in situ</i> Hybridization", <u>Cancer Genet. and Cytogenet.</u> (UCRL 101043 Abstract) 41:236 (October 1989).	
AM	Pinkel et al., "Simplified Cytogenetics Using Biotin Labeled Nucleic Acid Probes and Quantitative Fluorescence Microscopy" (UCRL 93243 Abstract), <u>American Journal of Human Genetics</u> (Supplement), 37:A112, July 1985.	
AM	Pinkel et al., "Detection of Translocations and Aneuploidy in Metaphase Spreads and Interphase Nuclei by <i>in situ</i> Hybridization with Probes which Stain Entire Human Chromosomes" (UCRL 101042 Abstract) 21st Oak Ridge Conference on Advanced Concepts in the Clinical Laboratory, 4/13/89 - 4/14/89.	
AM	Rappold et al., "Sex Chromosome Positions in Human Interphase Nuclei as Studied by <i>in situ</i> Hybridization with Chromosome Specific DNA Probes", <u>Human Genetics</u> , Vol. 67, 1984, pp. 317-322.	
AM	Roelofs et al., "Gene Amplification in Human Cells May Involve Interchromosomal Transposition and Persistence of the Original DNA Region", <u>The New Biologist</u> , Vol. 4, No. 1, Jan. 1992, pp. 75-86.	
AM	Scalenghe et al., "Microdissection and Cloning of DNA from a Specific Region of <i>Drosophila melanogaster</i> Polytene Chromosomes", <u>Chromosoma (Berl.)</u> , Vol. 82, 1981, pp. 205-216.	
AM	Schardin et al., "Specific Staining of Human Chromosomes in Chinese Hamster X Man Hybrid Cell Lines Demonstrates Interphase Chromosome Territories", <u>Hum. Genet.</u> , Vol. 71, 1985, pp. 281-287.	
AM	Schmeckpeper et al., "Partial Purification and Characterization of DNA from the Human X Chromosome", <u>PNAS (USA)</u> , Vol. 76, No. 12, Dec. 1979, pp. 6525-6528.	
AM	Selypes et al., "A Noninvasive Method for Determination of the Sex and Karyotype of the Fetus from the Maternal Blood", <u>Hum. Genet.</u> , Vol. 79, 1988, pp. 357-359.	
AM	Smith et al., "Distinctive Chromosomal Structures Are Formed Very Early in the Amplification of CAD Genes in Syrian Hamster Cells", <u>Cell</u> , Vol. 63, Dec. 1990, pp. 1219-1227.	
AM	Sparkes et al., "Regional Assignment of Genes for Human Esterase D and Retinoblastoma to Chromosome Band 13q14," <u>Science</u> , Vol. 208, May 30, 1988, pp. 1042-1044.	
AM	Stewart et al., "Cloned DNA Probes Regionally Mapped to Human Chromosome 21 and Their Use in Determining the Origin of Nondisjunction", <u>Nucleic Acids Research</u> , Vol. 13, No. 11, 1985, pp. 4125-4132.	
AM	Straume et al., "Chromosome Translocation of Low Radiation Doses Quantified Using Fluorescent DNA Probes" (UCRL 93837 Abstract), Radiation Research Society Meeting, Las Vegas, Nevada, 4/12/86 - 4/17/86.	
AM	Szabo et al., "What's New with Hybridization <i>in situ</i> ?", <u>TIBS</u> , Vol. 7, No. 11, December 1982, pp. 425-427.	
EXAMINER <div style="text-align: center;">Adrian M. ...</div>	DATE CONSIDERED <div style="text-align: center;">9-3-96</div>	

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AM	Thompson et al., <u>Thompson & Thompson: Genetics in Medicine</u> , 5th ed., W.B. Saunders Co., Philadelphia, PA, pages 38-39 (1991).	
AM	Trask et al., "The Proximity of DNA Sequences in Interphase Cell Nuclei is Correlated to Genomic Distance and Permits Ordering of Cosmids Spanning 250 Kilobase Pairs", <u>Genomics</u> , Vol. 5, 1989, pp. 710-717.	
AM	Trask et al., "Detection of DNA Sequences in Nuclei in Suspension by <i>in situ</i> Hybridization and Dual Beam Flow Cytometry" (UCRL 93372 Abstract) - Analytical Cytology X Conference, Hilton Head Resort, Hilton Head Island, S.C., 11/17/85 - 11/22/85.	
AM	Trask et al., "Early Dihydrofolate Reductase Gene Amplification Events in CHO Cells Usually Occur on the Same Chromosome Arm as the Original Locus", <u>Genes & Development</u> , Vol. 3, 1989, pp. 1913-1925.	
AM	Trent et al., "Report of the Committee on Structural Chromosome Changes in Neoplasia," <u>Cytogenet. Cell Genet.</u> , Vol. 51, 1989, pp. 533-562.	
AM	Van Dilla et al., "Construction and Availability of Human Chromosome-Specific DNA Libraries from Flow Sorted Chromosomes: Status Report", <u>Am. J. of Hum. Genet.</u> , Vol. 37 (R Supplement) July 1985, p. A179.	
AM	Wallace et al., "The Use of Synthetic Oligonucleotides as Hybridization Probes - II Hybridization of Oligonucleotides of Mixed Sequence to Rabbit β Globin DNA", <u>Nucleic Acids Research</u> , Vol. 9, No. 4, 1981, pp. 879-894.	
AM	Weiss et al., "Organization and Evolution of the Class I Gene Family in the Major Histocompatibility Complex of the C57BL/10 Mouse," <u>Nature</u> , Vol. 310, No. 23, Aug. 1984, pp. 650-655.	
AM	Willard et al., "Isolation and Characterization of a Major Tandem Repeat Family from the Human X Chromosome", <u>Nucleic Acids Research</u> , Vol. 11, No. 7, 1983, pp. 2017-2033.	
AM	Windle et al., "A Central Role for Chromosome Breakage in Gene Amplification, Deletion Formation and Amplificon Integration", <u>Genes & Development</u> , Vol. 5, 1991, pp. 160-174.	
EXAMINER <i>Andin Marshall</i>	DATE CONSIDERED 9-3-96	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AM	Angerer et al, "In Situ Hybridization to Cellular RNAs," <u>Genetic Engineering: Principles and Methods</u> , Setlow and Hollaender, Eds., Vol. 7, pp. 43-65, Plenum Press, New York (1985)						
AM	Bayer et al, "The Use of the Avidin-Biotin Complex as a Tool in Molecular Biology," <u>Methods of Biochemical Analysis</u> , Vol. 26, pp. 1-45 (1980)						
AM	Brigati et al, "Detection of Viral Genomes in Cultured Cells and Paraffin-Embedded Tissue Sections Using Biotin-Labeled Hybridization Probes," <u>Virology</u> , Vol. 126, pp. 32-50 (1983)						
AM	Broker et al, "Electron Microscopic Visualization of tRNA Genes with Ferritin-Avidin: Biotin Labels," <u>Nucleic Acids Research</u> , Vol. 5, No. 2, pp. 363-384 (1978)						
AM	Connolly et al, "Chemical Synthesis of Oligonucleotides Containing A Free Sulphydryl Group and Subsequent Attachment of Thiol Specific Probes," <u>Nucleic Acids Research</u> , Vol. 13, No. 12, pp. 4485-4502 (1985)						
AM	Fuscoe et al, "Construction of Fifteen Human Chromosome-Specific DNA Libraries from Flow-Purified Chromosomes," <u>Cytogenetic Cell Genetics</u> , Vol. 43, pp. 79-86 (1986)						
AM	Gall et al, "Nucleic Acid Hybridization in Biological Preparations," <u>Methods in Enzymology</u> , Vol. 21, pp. 470-480 (1981)						
AM	Henderson, "Cytological Hybridization to Mammalian Chromosomes," <u>International Review of Cytology</u> , Vol. 76, pp. 1-46 (1982)						
AM	Kuhlmann, <u>Immuno Enzyme Techniques in Cytochemistry</u> , Verlag Chemie, Weinheim, Basel (1984) (table of contents only)						
AM	Lawn et al, "The Isolation and Characterization of Linked δ - and β -Globin Genes from a Cloned Library of Human DNA," <u>Cell</u> , Vol. 15, pp. 1157-1174 (1978)						
AM	Maniatis et al, "In Vitro Packaging of Bacteriophage λ DNA," <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbor Laboratory, pp. 256-307 (1982)						
AM	Marmur, "A Procedure for the Isolation of Deoxyribonucleic Acid from Micro-organisms," <u>J. Mol. Biol.</u> , Vol. 3, pp. 208-218 (1961)						
AM	Richardson et al, "Biotin and Fluorescent Labeling of RNA Using T4 RNA Ligase," <u>Nucleic Acids Research</u> , Vol. 11, No. 18, pp. 6167-6184 (1983)						
AM	Smith et al, "The Synthesis of Oligonucleotides Containing an Aliphatic Amino Group at the 5' Terminus: Synthesis of Fluorescent DNA Primers For Use In DNA Sequence Analysis," <u>Nucleic Acids Research</u> , Vol. 13, No. 7, pp. 2399-2412 (1985)						
AM	Tchen et al, "Chemically Modified Nucleic Acids as Immunodetectable Probes in Hybridization Experiments," <u>PNAS</u> , Vol. 81, pp. 3466-3470 (1984)						
EXAMINER <i>Justin Marshall</i>				DATE CONSIDERED <i>9-3-96</i>			

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